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INS.DWPI,EPAB,JPAB,USPT,PGPB.	29435
SITU.DWPI,EPAB,JPAB,USPT,PGPB.	130002
SITUS.DWPI,EPAB,JPAB,USPT,PGPB.	3235
(1 SAME (IN ADJ SITU)).USPT,PGPB,JPAB,EPAB,DWPI.	0

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USPT,PGPB,JPAB,EPAB,DWPI	l1 same (in situ)	0	L3
USPT,PGPB,JPAB,EPAB,DWPI	l1 same (fix$ or cross link)	2	L2
USPT,PGPB,JPAB,EPAB,DWPI	glutaraldehyde bisulfite	110	L1

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1. Document ID: US 5811529 A

L2: Entry 1 of 2 File: USPT Sep 22, 1998

US-PAT-NO: 5811529
DOCUMENT-IDENTIFIER: US 5811529 A

TITLE: Bis-pyridone compounds

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vines; Danette R.	Charlotte	NC		
Pedemonte; Ronald P.	Eppstein-Vockenhausen			DEX

US-CL-CURRENT: 534/560; 534/561

ABSTRACT:

A fiber reactive dye having the formula ##STR1## wherein R.sub.1 and R.sub.3 are independently selected from the group consisting of; hydrogen; an alkyl group having from one to four carbon atoms; the foregoing alkyl group further substituted with one or more groups selected from hydroxy; amino; sulfo; halogen; an aryl radical; a heterocyclic radical or combination thereof; where for R.sub.3 said amino group maybe further substituted by a nitrogen heterocyclic fiber reactive group of the series: 1, 3, 5 mono or dichloro triazinyl; 1, 3, 5 mono or difluoro triazinyl; trichloropyrimidinyl; difluoropyrimidinyl; or monochlorodifluoro pyrimidinyl; where the nitrogen heterocycle may be further substituted by an: alkyl; or aryl amino group;

wherein B is selected from the group consisting of a C.sub.2 to C.sub.4 alkyl chain; a substituted aryl or a heterocyclic radical;

wherein X is selected from the group consisting of SO.sub.3 H; SO.sub.3 Na or a hydroxy group; and wherein Q.sub.1 and Q.sub.2 are independently selected from diazo components.

8 Claims, 0 Drawing figures Exemplary Claim Number: 1

L2: Entry 1 of 2 File: USPT Sep 22, 1998

DOCUMENT-IDENTIFIER: US 5811529 A
TITLE: Bis-pyridone compounds

BSPR:
The structure of the coupling component of the present invention incorporates advantages over the prior art. For example, this coupling agent includes a bridge, whereby two solubilizing groups are incorporated in the dyestuff molecule by one condensation reaction. Not only does the bridge enhance solubility through the sulfonic acid moieties present, but it also provides a new way to incorporate two mono-reactive dyes producing one larger dye with improved levels of fixation. In the case of the aliphatic bridge, such as the glutaraldehyde bisulphite condensation product, the fixation properties should be further enhanced. The improved solubility should make these new dyes less prone to precipitate out of solution upon the introduction of salt and alkali. Further, the bridge links two reactive chromophoric systems together which should in theory provide greater tinctorial strength.

2. Document ID: US 4266010 A

L2: Entry 2 of 2 File: USPT May 5, 1981

US-PAT-NO: 4266010
DOCUMENT-IDENTIFIER: US 4266010 A

TITLE: Silver halide photographic light-sensitive material

DATE-ISSUED: May 5, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nagatomo; Shigeru	Minami-ashigara			JPX
Hori; Kiyotaka	Minami-ashigara			JPX

US-CL-CURRENT: 430/355; 430/539, 430/543, 430/642, 430/950, 430/961

ABSTRACT:

A silver halide photographic light-sensitive material containing at least one photographic layer containing acid-processed gelatin and a matting agent.

10 Claims, 0 Drawing figures Exemplary Claim Number: 1

L2: Entry 2 of 2 File: USPT May 5, 1981

DOCUMENT-IDENTIFIER: US 4266010 A
TITLE: Silver halide photographic light-sensitive material

DETL:

Processing Step Development 25 seconds Fixation 25 seconds Washing 20 seconds Developer Composition Sodium Sulfite 40 g Hydroquinone 25 g Boric Acid 10 g 1-Phenyl-3-pyrazolidone 1.5 g Potassium Hydroxide 30 g 5-Methylbenzotriazole 0.15 g Glutaraldehyde-bisulfite 15 g Acetic Acid 12 g Potassium Bromide 5 g Water to make 1 l Fixing Solution Ammonium Thiosulfate 174 g Sodium Sulfite (anhydrous) 20 g Sodium Tetraborate (decahydrate) 20 g Acetic Acid 25 g Sulfuric Acid 5 g Aluminum Sulfate 7 g Water to make 1 l

Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWIC | Draw Desc | Image

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Term	Documents
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FIX.DWPI,EPAB,JPAB,USPT,PGPB.	449669
FIXA.DWPI,EPAB,JPAB,USPT,PGPB.	111
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FIXABILIBY.DWPI,EPAB,JPAB,USPT,PGPB.	1
(L1 SAME (FIX$ OR CROSS LINK)).USPT,PGPB,JPAB,EPAB,DWPI.	2

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 NEWS  4  Feb 16  TOXLINE no longer being updated
 NEWS  5  Apr 23  Search Derwent WPINDEX by chemical structure
 NEWS  6  Apr 23  PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA
 NEWS  7  May 07  DGENE Reload
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 NEWS 14  Oct 09  Korean abstracts now included in Derwent World Patents
                  Index
 NEWS 15  Oct 09  Number of Derwent World Patents Index updates increased
 NEWS 16  Oct 15  Calculated properties now in the REGISTRY/ZREGISTRY File

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               CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),
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FILE 'BIOSIS' ENTERED AT 12:14:04 ON 20 OCT 2001
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=> s glutaraldehyde bisulfite
L1            3 GLUTARALDEHYDE BISULFITE

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PROCESSING COMPLETED FOR L1
L2 2 DUPLICATE REMOVE L1 (1 DUPLICATE REMOVED)

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L2 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2001 BIOSIS
AN 2000:400550 BIOSIS
DN PREV200000400550
TI Disinfectant composition.
AU Synodis, Joseph; Wilensky, Stuart (1); Halecky, Alan
CS (1) Matawan, NJ USA
ASSIGNEE: Block Drug Company, Inc.
PI US 6034138 March 07, 2000
SO Official Gazette of the United States Patent and Trademark Office Patents, (Mar. 7, 2000) Vol. 1232, No. 1, pp. No pagination. e-file. ISSN: 0098-1133.
DT Patent
LA English
AB The present invention comprises a concentrated solid or semi-solid disinfectant or sterilant composition for use in an aqueous disinfecting or sterilizing solution, comprising an oxidant and a protected glutaraldehyde such as a **glutaraldehyde bisulfite** addition compound (GBS): ##STR1## or a glutaraldehyde dioxime compound (GDO): ##STR2## The present invention further provides a method for disinfecting or sterilizing a surface or apparatus comprising the steps of mixing a concentrated solid or semi-solid glutaraldehyde sterilant composition comprising an oxidizing compound and a protected sterilant with water to form a solution and bringing the solution into contact with the surface or apparatus.

L2 ANSWER 2 OF 2 MEDLINE DUPLICATE 1
AN 96190982 MEDLINE
DN 96190982 PubMed ID: 8604152
TI Inactivation of glutaraldehyde by reaction with sodium bisulfite.
AU Jordan S L; Russo M R; Blessing R L; Theis A B
CS Union Carbide Corporation, Bound Brook, NJ 08805, USA.
SO JOURNAL OF TOXICOLOGY AND ENVIRONMENTAL HEALTH, (1996 Feb 23) 47 (3) 299-309.
Journal code: KAA; 7513622. ISSN: 0098-4108.
CY United States
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 199605
ED Entered STN: 19960524
Last Updated on STN: 19960524
Entered Medline: 19960516
AB The microbiocidal activity of glutaraldehyde was inactivated by reaction with sodium bisulfite via formation of a proposed **glutaraldehyde -bisulfite** complex. High-performance liquid chromatography (HPLC) analysis of 2% (0.2M) alkaline glutaraldehyde indicated complete loss of glutaraldehyde at a 2.2:1 molar ratio of sodium bisulfite to glutaraldehyde. Neither 1.7% (0.17 M) sodium bisulfite alone nor the **glutaraldehyde-bisulfite** complex was microbiocidal when tested against Escherichia coli, Pseudomonas aeruginosa, Enterobacter aerogenes, and Polybac Polyseed BOD seed inoculum. Bacterial inhibition tests indicated that the glutaraldehyde-sodium bisulfite complex had no effect on the growth of sewage microorganisms at concentrations as high as 50-100 ppm (5 x 10(-4)-1 x 10(-3) M), with an IC50 of 230-440 ppm (2.3 x 10(-3)-4.4 x 10(-3) M), based on glutaraldehyde concentration. A 28-close bottle test showed a 5-d biodegradation of 48% and 51%, and a 15-d biodegradation of 57% and 63% for 3:1 and 2.2:1 bisulfite to glutaraldehyde molar ratios, respectively. Acute aquatic toxicity testing with Daphnia magna demonstrated an LC50 of 41-109 ppm (4.1 x 10(-4)-10.9 x 10(-4) M) and a no-observed-effect concentration (NOEC) of 16 ppm (1.6 x 10(-4) M) for the proposed **glutaraldehyde-bisulfite** complex (based on glutaraldehyde concentration), approximately 10-fold higher than found for glutaraldehyde alone, indicating that the proposed

glutaraldehyde-bisulfite co[redacted]ex is less toxic to the environment than glutaraldehyde.

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FULL ESTIMATED COST	0.15	0.15

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=> s szekeres/au
L1 1 SZEKERES/AU

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=> e szekeres/au
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E2           17      SZEKERCZES J/AU
E3            1  --> SZEKERES/AU
E4            8      SZEKERES A/AU
E5           12      SZEKERES A V/AU
E6            1      SZEKERES ANDRAS/AU
E7          115      SZEKERES BARTHO J/AU
E8           21      SZEKERES BARTHO JULIA/AU
E9            2      SZEKERES C K/AU
E10           4      SZEKERES CHARLES K/AU
E11           1      SZEKERES D/AU
E12          30      SZEKERES E/AU

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=> e fourcade/au
E13           3      FOURBIL Y/AU
E14           1      FOURBIL YVES/AU
E15           4  --> FOURCADE/AU
E16         102      FOURCADE A/AU
E17           5      FOURCADE ALAIN/AU
E18           1      FOURCADE AMAD EO M L/AU
E19           1      FOURCADE AMADEO M L/AU
E20         112      FOURCADE C/AU
E21           1      FOURCADE C J/AU
E22           9      FOURCADE CHRISTINE/AU
E23          16      FOURCADE D/AU
E24          22      FOURCADE E/AU

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L2          122 ("FOURCADE C"/AU OR "FOURCADE C J"/AU OR "FOURCADE CHRISTINE"/AU
                )

=> s l2 and lowry
L3            0 L2 AND LOWRY

=> s l2 and lowy
L4            2 L2 AND LOWY

=> d 1-2 bib ab

L4   ANSWER 1 OF 2     MEDLINE
AN   95312436      MEDLINE
DN   95312436    PubMed ID: 7540753
TI   Bone marrow one step fixation-decalcification in Lowy FMA
     solution: an immunohistological and in situ hybridization study.
AU   Gaulier A; Fourcade C; Szekeres G; Pulik M
CS   Service d'Anatomie Cytologie Pathologiques, C. H. Victor Dupouy,
     Argenteuil, France.
SO   PATHOLOGY, RESEARCH AND PRACTICE, (1994 Dec) 190 (12) 1149-61.
     Journal code: PBZ; 7806109. ISSN: 0344-0338.
CY   GERMANY: Germany, Federal Republic of
DT   Journal; Article; (JOURNAL ARTICLE)
LA   English
FS   Priority Journals
EM   199507
ED   Entered STN: 19950807
     Last Updated on STN: 19960129
     Entered Medline: 19950727
AB   The immunoreactivity of paraffin embedded bone marrow biopsies (BMB) was
     studied following a one step 20-hour-fixation-decalcification in
     Lowy formalin mercuric chlorid acid solution which permits
     excellent histological stainings. Antibodies reactive with myeloid,
     megakaryocytic, erythroid cells, T and B lymphocytes, mastocytes and
     metastatic cells were compared. Nearly all antibodies working on paraffin
     sections were demonstrated on Lowy FMA fixed BMB. Special care
     was taken to define an optimal working dilution. Trypsinization was not
     necessary. A slide microwave pre-treatment appeared essential before
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testing CD20 L26, CD8, CD3, [redacted]34, MB1 Kappa and Lambda antib[redacted]es. It was suitable for UCHL1, LN2, CD30 antibodies. The same fixative allowed an m RNA Kappa or Lambda in myeloma and EBER 1 EBV RNAs in HIV lymphoma visualization by in situ hybridization. The safety handling of the toxic mercuric chloride component is discussed.

L4 ANSWER 2 OF 2 BIOSIS COPYRIGHT 2001 BIOSIS
AN 1995:166744 BIOSIS
DN PREV199598181044
TI Bone marrow one step fixation-decalcification in **lowy** FMA solution: An immunohistological and in situ hybridization study.
AU Gaulier, A. (1); **Fourcade, C.**; Szekeres, G.; Pulik, M.
CS (1) Serv. d'Anat. Cytol. Pathol., C.H. Victor Dupouy, 69 rue du Lt-Cl Prudhon, 95107 Argenteuil Cedex France
SO Pathology Research and Practice, (1994) Vol. 190, No. 12, pp. 1149-1161. ISSN: 0344-0338.
DT Article
LA English
AB The immunoreactivity of paraffin embedded bone marrow biopsies (BMB) was studied following a one step 20-hour-fixation-decalcification in **Lowy** formalin mercuric chloride acid solution which permits excellent histological stainings. Antibodies reactive with myeloid, megakaryocytic, erythroid cells, T and B lymphocytes, mastocytes and metastatic cells were compared. Nearly all antibodies working on paraffin sections were demonstrated on **Lowy** FMA fixed BMB. Special care was taken to define an optimal working dilution. Trypsinization was not necessary. A slide microwave pre-treatment appeared essential before testing CD20 L26, CD8, CD3, CD34, MB1 Kappa and Lambda antibodies. It was suitable for UCHL1, LN2, CD30 antibodies. The same fixative allowed an mRNA Kappa or Lambda in myeloma and EBER 1 EBV RNAs in HIV lymphoma visualization by in situ hybridization. The safety handling of the toxic mercuric chloride component is discussed.

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FULL ESTIMATED COST	5.22	5.37

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